# e-GeForce 7600 GS

**Part Number: 512-P2-E548**

- 512MB
- DDR 2
- HDTV
- PCI-E

## At A Glance

- 256-bit GeForce 7600 GS (400MHz clock)
- 512MB 128-bit 2.5ns (32x16) DDR2 Memory (400MHz clock - 800MHz effective)
- PCI Express x16 Compatibility (PCI Express Compliant)
- Integrated NVIDIA TV Encoder (HDTV, S-Video, Composite - OUTPUT)
- PC 99 DB-15 analog connector *(VESA DDC2B + DPMS)*
- 12.8 GB per second memory bandwidth

## Interface

- HDTV Support
- VGA
- DVI-I

## Features

- NVIDIA® SLI™ Ready
- Full Microsoft® DirectX® 9.0 Shader Model 3.0 support
- True high dynamic-range (HDR) lighting support
- NVIDIA® PureVideo™ technology
- Built for Microsoft® Windows Vista™
- NVIDIA® CineFX® 4.0 engine
- NVIDIA® Intellisample™ 4.0 technology
- NVIDIA® ForceWare® Unified Driver Architecture (UDA)
- NVIDIA® nView® multi-display technology
- PCI Express® support
- OpenGL® 2.0 support
- Single Dual-Link DVI-I Supports 2560x1600

## Driver Support

- ResChanger©
- NVIDIA Unified Driver Architecture (UDA) (Windows 2000/XP/XPx64/MCE 2005)
- Full DirectX 9.0 support
- Full OpenGL ICD for All Supported Operating Systems

## Dimensions

- height: 4.7in - 106mm
- length: 8.98in - 228mm

## Resolution Chart

| | 8-Bit | 16-Bit | 32-Bit |
|---|---|---|---|
| 640 x 480 | 240Hz | 240Hz | 240Hz |
| 800 x 600 | 240Hz | 240Hz | 240Hz |
| 1024 x 768 | 240Hz | 240Hz | 200Hz |
| 1152 x 864 | 200Hz | 200Hz | 170Hz |
| 1280 x 960 | 170Hz | 170Hz | 150Hz |
| 1280 x 1024 | 170Hz | 170Hz | 150Hz |
| 1600 x 1024 | 120Hz | 120Hz | 100Hz |
| 1600 x 1200 | 120Hz | 120Hz | 100Hz |
| 1920 x 1080 | 100Hz | 100Hz | 85Hz |
| 1920 x 1200 | 100Hz | 100Hz | 85Hz |
| 1920 x 1440 | 85Hz | 85Hz | 75Hz |
| 2048 x 1536 | 75Hz | 75Hz | 60Hz |

Refresh rates shown are the highest obtainable and are monitor dependent. Resolutions, pixel depths and refresh rates are driver dependent and may not be available in all applications or operating system.

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